60246-145 8674

IN THE CLAIMS:

 (CURRENTLY AMENDED) A method for adhering a film to a heat transfer component comprising the steps of:

applying a layer of ethylene terpolymer including an organosilicone functional group to said the heat transfer component;

applying said the film to said layer of ethylene terpolymer; and curing said layer of ethylene terpolymer to adhere said-the film to said-the heat transfer

component.

- 2. (CURRENTLY AMENDED) The method as recited in claim 1 wherein the step of applying said layer of ethylene terpolymer includes application by a roller applying a rolling pressure.
- 3. (CURRENTLY AMENDED) The method as recited in claim 1 wherein said the film is polypropylene.
- 4. (CURRENTLY AMENDED) The method as recited in claim 3-1 wherein the step of curing said layer of ethylene terpolymer includes adding water to said layer of ethylene terpolymer to cross-link said organosilicone functional groups.
- 5. (CURRENTLY AMENDED) The method as recited in claim 4 wherein said water is contained in said the film.
- 6. (ORIGINAL) The method as recited in claim 4 wherein said water is applied to said heat transfer component.
- (CURRENTLY AMENDED) The method as recited in claim 4 wherein said water is applied to said the film.



60246-145 8674

- 8. (CURRENTLY AMENDED) The method as recited in claim 1 wherein said the film is polar to encourage adhesion of said water to and said film to encourage adhesion between said film and said heat transfer component.
- 9. (CURRENTLY AMENDED) The method as recited in claim 1 wherein said the heat transfer component is a condensing heat exchanger.
- 10. (CURRENTLY AMENDED) A heat transfer component of a condensing furnace system comprising:
 - a metal surface;
 - a film adhered to said metal surface; and
 - a cured layer of ethylene terpolymer including an organosilicone functional group to adhere that adheres said film to said metal surface.
- 11. (CURRENTLY AMENDED) The heat transfer component as recited in claim 10 further including water, and wherein said layer of ethylene terpolymer is cured by said water to cross-linktimks said organosilicone functional groups.
- 12. (NEW) The method as recited in claim 4 wherein said water is contained in steam directed on said layer of ethylene terpolymer.
- 13. (NEW) The method as recited in claim 1 wherein said layer of ethylene terpolymer has a thickness between .5 mils and 5 mils.
- 14. (NEW) The method as recited in claim 1 wherein said layer of ethylene terpolymer has a thickness between 1 mil and 3 mils.